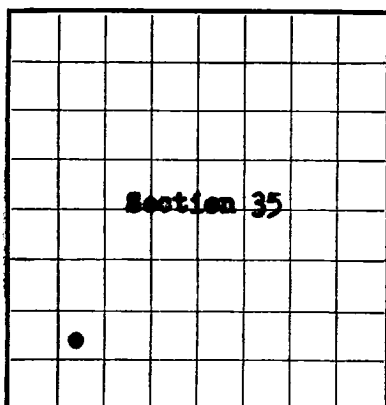




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Jicarilla Apache**
Tribe of Indians
SERIAL NUMBER **Contract #153**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Southern Union Gas Company** Address **1901 Burt Bldg., Dallas, Texas**
Lessor or Tract **Jicarilla** Field **Tapacito P. O.** State **New Mexico**
Well No. **2-J** Sec. **35** T. **26N** R. **7W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **990** ft. **N** of **8** Line and **1090** ft. **E** of **W** Line of **Section 35** Elevation **6672**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.

Signed **A. M. Wiederkehr**
Date **Before August 22, 1956** Title **Mgr., Exploration Dept.**

The summary on this page is for the condition of the well at above date.

Commenced drilling **6-3-**, 19**56** Finished drilling **6-11-**, 19**56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3048** to **3100** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8	32.30	8	J-55	213'					Surface Prod.
4-1/2	19.5	6	J-55	100'					
2-3/8	10.0	6	J-55	100'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	195'	125	Halliburton		
4-1/2	3120'	150	Halliburton		
2-3/8	3099'				

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Perforated	3048' to 3100'	Sand water fraced	with 20,000 gals.	water & 20,000/ sand.		

TOOLS USED

Rotary tools were used from **0** feet to **3120** feet, and from _____ feet to _____ feet
Cable tools were used from **Cleaning out & fracing** feet, and from _____ feet to _____ feet

DATES

7-10-, 19**56** Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours **1061 MCF** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1039#/72 hrs.**

EMPLOYEES

Empire States Drilling Co., Driller **McKinney Drilling Company**, Driller
W. C. Bramble, Driller **R. E. Edwards**, Driller

A. L. Johns **FORMATION RECORD Mike Grunley**

FROM—	TO—	TOTAL FEET	FORMATION
-0-	3120 TD	3120	Sand & shale
	Pictured Cliffs 3060'		

FROM—

TO—

TOTAL FEET

(OVER)

FORMATION

10-43094-8

FORMATION RECORD—CONTINUED

